In the Claims

This listing of claims will replace all prior versions, and listings, of claims.

Listing of Claims

1. (Currently amended) A computer implemented method of dynamic customer demand forecasting, comprising using a computer to perform the steps of:

the computer inputting at least one forecast rule to estimate orders, and storing the at least one forecast rule into a database, wherein the forecast rule comprises a forecast base rule and at least one customer defined rule;

the computer calculating at least one forecast hit rate, each of which corresponds to a forecast rule, and storing the at least one forecast hit rate into the database;

the computer selecting a highest hit rate from the forecast hit rate stored in the database;

the computer designating the forecast rule corresponding to the highest hit rate as a target rule, and storing the target rule into the database; and

the computer providing the target rule to a capacity allocation model that is implemented in a manufacturing-control computer for allocating capacity in a manufacturing method.

2. (Original) The computer implemented method of dynamic customer demand forecasting as claimed in claim 1, further comprising providing the target rule to a capacity allocation model for capacity allocation.

3. (Cancelled)

4. (Currently amended) The computer implemented method of dynamic customer demand forecasting as claimed in claim [[3]]1, wherein the input step further comprises integrating the forecast base rule and the customer defined rule into the forecast rule.

5. (Currently amended) The computer implemented method of dynamic customer demand forecasting as claimed in claim [[3]]1, wherein the forecast base rule is produced according to the most current order.

6. (Original) The computer implemented method of dynamic customer demand forecasting as claimed in claim 1, wherein the forecast hit rate is calculated according to orders.

7-12. (Cancelled)

13. (Currently amended) A storage medium for storing a computer program providing a method of dynamic customer demand forecasting, the method comprising the steps of:

inputting at least one forecast rule to estimate orders, wherein the forecast rule comprises a forecast base rule and at least one customer defined rule;

calculating at least one forecast hit rate, each of which corresponds to a forecast rule;

selecting a highest hit rate from the forecast hit rate; and

designating the forecast rule corresponding to the highest hit rate as a target rule.

14. (Original) The storage medium as claimed in claim 13, further comprising providing the target rule to a capacity allocation model for capacity allocation.

15. (Cancelled)

16. (Currently amended) The storage medium as claimed in claim [[15]]13, wherein the input step further comprises integrating the forecast base rule and the customer defined rule into the forecast rule.

17. (Currently amended) The storage medium as claimed in claim [[15]]13, wherein the forecast base rule is produced according to the most current order.

18. (Original) The storage medium as claimed in claim 13, wherein the forecast hit rate is calculated according to orders.

19. (Currently amended) A system of dynamic customer demand forecasting, comprising:

an operation computer, inputting at least one forecast rule to estimate orders, calculating at least one forecast hit rate, each of which corresponds to a forecast rule, selecting a highest hit rate from the forecast hit rate, and designating the forecast rule

corresponding to the highest hit rate as a target rule, wherein the forecast rule comprises a forecast base rule and at least one customer defined rule; and

at least one database, coupled to the operation computer, storing the forecast rule, the forecast hit rate, and the target rule.

20. (Original) The system as claimed in claim 19, wherein the operation computer further provides the target rule to a capacity allocation model for capacity allocation.

21. (Cancelled)

22. (Currently amended) The system as claimed in claim [[21]]19, wherein the operation computer further integrates the forecast base rule and the customer defined rules into the forecast rule.

23. (Currently amended) The system as claimed in claim [[21]]19, wherein the forecast base rule is produced according to the most current order.

24. (Original) The system as claimed in claim 19, wherein the forecast hit rate is calculated according to orders.